

AMENDMENTS TO THE CLAIMS

Please replace all previous versions of the claims with the following listing:

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

7. (Currently Amended) A method of avoiding improper machine activation by machine control parameters of a multi-axis machine tool, comprising:

assigning a private encryption key and a private decryption key to a sender of the machine control parameters using a hardware processor of a computer system, wherein the private encryption key is different from the private decryption key and is provided for the decoding;

~~first~~ encoding the machine control parameters intended for the multi-axis machine tool to obtain first-encoded machine control parameters using the hardware processor computer system and the private decryption key;

providing the ~~first encoded~~ first-encoded machine control parameters with a sender identification of a sender using the hardware processor computer system;

~~second~~ encoding the provided first-encoded machine control parameters to obtain second-encoded machine control parameters using the hardware processor computer system and an encryption key that is assigned to the multi-axis machine tool;

first decoding the ~~second encoded~~ second-encoded machine control parameters to obtain first-decoded machine control parameters using the hardware processor computer system and a decryption key that is assigned to the multi-axis machine tool, wherein the decryption key is different from the encryption key and is provided for the decoding;

authenticating a sender by the sender's based on a sender identification and a suitability of the private encryption key assigned to the sender for the ~~first decoded~~ first-decoded machine control parameters using the hardware processor; computer system; and, if so,

if a sender is authenticated, second decoding the ~~first decoded~~ first-decoded machine control parameters to obtain second-decoded machine control parameters using the hardware processor computer system and the private encryption key;

checking whether the machine control parameters were actually generated for said multi-axis machine tool using the hardware processor; and

determining whether a module associated with a sender which generated the machine control parameters is actually suitable and authorized to do so using the hardware processor.

8. (Cancelled)

9. (Cancelled)

10. (Previously Presented) A computer system comprising at least one data processing unit and at least one memory, wherein the data processing unit is set up in programming terms in such a way that it works on the basis of the method according to Claim 7.

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

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14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Cancelled)

27. (Cancelled)